

Title (en)

Cork screw with pulley reduction.

Title (de)

Korkenzieher mit Flaschenzugübersetzung.

Title (fr)

Perfectionnement aux tire-bouchons à démultiplication par palan.

Publication

**EP 0023858 A1 19810211 (FR)**

Application

**EP 80401103 A 19800724**

Priority

- FR 7919823 A 19790802
- FR 8014994 A 19800704

Abstract (en)

[origin: ES8104133A1] A corkscrew is provided with tackle reduction by a tackle engaged in a tubular body flared at its base. In a first tube, slide telescopic extension tubes are fitted onto one another and thrust elastically by a stirrup or the like with two recall springs on a shoulder of the main tube which has a shoulder near its other end. The outside telescopic tube receives a maneuvering handle or similar. The telescopic tubes are immobilized in relation to one another in rotation by means of stamped longitudinal grooves, reduction is assured by two tackle-blocks. The maneuvering handle is made by molding in a single piece it is centered on the upper end of the outside tube and immobilized in rotation by the maneuvering arms of the handle engaged in the corresponding grooves and fastened by gluing or crimping. The upper tackle-block is fastened both on a washer and the upper shoulder of the main tube by a blind rivet or the like and the lower tackle-block is welded or crimped on the screw-carrying plate.

Abstract (fr)

Dans le tire-bouchon constitué par un corps tubulaire 61, est fixé un moufle supérieur 63 et coulisse un moufle inférieur 64 assujéti à une plaque porte-ville 66. Ledit moufle inférieur, en fin d'extraction du bouchon, est prévu pour venir buter contre le moufle supérieur. La partie supérieure de l'étrier 69 comportant les ressorts de rappel 70, 71, du moufle inférieur, fait fonction de butée de fin de course de rappel en s'appuyant sur la partie haute du moufle supérieur. Le haut du corps tubulaire comporte un trou 84 de sortie de l'étrier 69 et du cordonnet 81 de manoeuvre du palan. Ledit cordonnet est solidaire d'un anneau d'extraction 85.

IPC 1-7

**B67B 7/04**

IPC 8 full level

**B67B 7/04** (2006.01)

CPC (source: EP US)

**B67B 7/0441** (2013.01 - EP US)

Citation (search report)

- DE 204020 C
- FR 1589350 A 19700323

Designated contracting state (EPC)

BE DE GB IT

DOCDB simple family (publication)

**EP 0023858 A1 19810211**; **EP 0023858 B1 19861105**; DE 3071817 D1 19861211; ES 493969 A0 19810401; ES 8104133 A1 19810401; US 4393733 A 19830719

DOCDB simple family (application)

**EP 80401103 A 19800724**; DE 3071817 T 19800724; ES 493969 A 19800801; US 17465580 A 19800801